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ranu-rajinder-\$.in.	2

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DATE: Wednesday, April 02, 2003

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<u>L2</u>	ranu-rajinder-\$.in.	2	<u>L2</u>
DB=USPT,DWPI; PLUR=YES; OP=OR			
<u>L1</u>	rajinder-ranu-\$.in.	0	<u>L1</u>

END OF SEARCH HISTORY

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**Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: US 6184449 B1

L2: Entry 1 of 2

File: USPT

Feb 6, 2001

US-PAT-NO: 6184449

DOCUMENT-IDENTIFIER: US 6184449 B1

TITLE: 1-Aminocyclopropane-1-carboxylate synthase genes from rosa to control ethylene levels in roses

DATE-ISSUED: February 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranu; Rajinder S	Fort Collins	CO		

US-CL-CURRENT: 800/323; 435/320.1, 435/419, 536/23.2, 536/23.6, 800/283, 800/286

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 2. Document ID: US 5824875 A

L2: Entry 2 of 2

File: USPT

Oct 20, 1998

US-PAT-NO: 5824875

DOCUMENT-IDENTIFIER: US 5824875 A

TITLE: 1-aminocyclopropane-1-carboxylate synthase genes from pelargonium

DATE-ISSUED: October 20, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranu; Rajinder S.	Fort Collins	CO		

US-CL-CURRENT: 800/311; 435/320.1, 435/419, 536/23.6, 536/24.1, 536/24.5, 800/283

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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ranu-rajinder-\$.in.

2

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NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
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NEWS	11	Jun 10	PCTFULL has been reloaded
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NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
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NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
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NEWS	28	Oct 24	BEILSTEIN adds new search fields
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NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available

NEWS 39 Jan 21 NUTRACEUT offering one free connect hour in February 2003  
 NEWS 40 Jan 21 PHARMAML offering one free connect hour in February 2003  
 NEWS 41 Jan 29 Simultaneous left and right truncation added to COMPENDEX,  
 ENERGY, INSPEC  
 NEWS 42 Feb 13 CANCERLIT is no longer being updated  
 NEWS 43 Feb 24 METADEX enhancements  
 NEWS 44 Feb 24 PCTGEN now available on STN  
 NEWS 45 Feb 24 TEMA now available on STN  
 NEWS 46 Feb 26 NTIS now allows simultaneous left and right truncation  
 NEWS 47 Feb 26 PCTFULL now contains images  
 NEWS 48 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results  
 NEWS 49 Mar 19 APOLLIT offering free connect time in April 2003  
 NEWS 50 Mar 20 EVENTLINE will be removed from STN  
 NEWS 51 Mar 24 PATDPAFULL now available on STN  
 NEWS 52 Mar 24 Additional information for trade-named substances without  
 structures available in REGISTRY  
 NEWS 53 Mar 24 Indexing from 1957 to 1966 added to records in CA/CAPLUS

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,  
 CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
 AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

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FILE 'BIOSIS' ENTERED AT 12:36:49 ON 02 APR 2003

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L1 19 PELARGONIUM AND ACC(W) SYNTHASE

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PROCESSING COMPLETED FOR L1  
L2 13 DUPLICATE REMOVE L1 (6 DUPLICATES REMOVED)

=> d 1-13

L2 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:833341 CAPLUS  
DN 135:367730  
TI \*\*\*Pelargonium\*\*\* \*\*\*ACC\*\*\* \*\*\*synthase\*\*\* promoter and  
transcription regulation in transgenic plants  
IN Ranu, Rajinder S.  
PA Colorado State University Research Foundation, USA; Tagawa Greenhouses,  
Inc.  
SO PCT Int. Appl., 38 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001085754	A1	20011115	WO 2001-US15023	20010509
	W:		AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	EP 1290009	A1	20030312	EP 2001-933250	20010509
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		
PRAI	US 2000-203021P	P	20000509		
	US 2000-239782P	P	20001012		
	WO 2001-US15023	W	20010509		
RE.CNT	4		THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD		
			ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 2 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
1  
AN 2000:347727 BIOSIS  
DN PREV200000347727  
TI Regulation of pollination-induced ethylene and its role in petal  
abscission of \*\*\*Pelargonium\*\*\* X hortorum.  
AU Hilioti, Zoe; Richards, Christina; Brown, Kathleen M. (1)

CS (1) Department of Horticulture, Penn State University, University Park,  
PA, 16802 USA

SO Physiologia Plantarum, (July, 2000) Vol. 109, No. 3, pp. 322-332. print.  
ISSN: 0031-9317.

DT Article

LA English

SL English

  

L2 ANSWER 3 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 2000:88019 BIOSIS

DN PREV200000088019

TI Structure of 1-aminocyclopropane-1-carboxylate synthase, a key enzyme in  
the biosynthesis of the plant hormone ethylene.

AU Capitani, Guido (1); Hohenester, Erhard; Feng, Liang; Storici, Paola;  
Kirsch, Jack F.; Jansonius, Johan N.

CS (1) Biochemisches Institut der Universitat Zurich, Winterthurerstrasse  
190, CH-8057, Zurich Switzerland

SO Journal of Molecular Biology, (Dec. 3, 1999) Vol. 294, No. 3, pp. 745-756.  
ISSN: 0022-2836.

DT Article

LA English

SL English

  

L2 ANSWER 4 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 2002:126800 BIOSIS

DN PREV200200126800

TI 1-Aminocyclopropane-1-carboxylate synthase genes from \*\*\*pelargonium\*\*\*

AU Ranu, R. S.

CS Fort Collins, Colo. USA

ASSIGNEE: COLORADO STATE UNIVERSITY THROUGH ITS AGENT COLORADO STATE  
UNIVERSITY RESEARCH FOUNDATION

PI US 5824875 Oct. 20, 1998

SO Official Gazette of the United States Patent and Trademark Office Patents,  
(Oct. 20, 1998) Vol. 1215, No. 3, pp. 3066.  
ISSN: 0098-1133.

DT Patent

LA English

  

L2 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS

AN 1998:219822 CAPLUS

DN 128:304800

TI 1-Aminocyclopropane-1-carboxylate synthase cDNA from \*\*\*Pelargonium\*\*\*  
and Rosa used to construct transgenes to control ethylene levels in  
geraniums and roses

IN Ranu, Rajinder S.

PA Colorado State University, through its agent Colorado State University  
Resea, USA; Ranu, Rajinder S.

SO PCT Int. Appl., 77 pp.  
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9814465	A1	19980409	WO 1997-US17644	19970930
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,				

CZ, DE, DE, DK, DK, EE, EE, ES, FI, FI, GB, GE, GH, HU, IL, IS,  
 JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,  
 MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL,  
 TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ,  
 MD, RU, TJ, TM  
 RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,  
 GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,  
 GN, ML, MR, NE, SN, TD, TG  
 US 5824875 A 19981020 US 1996-724194 19961001  
 AU 9748929 A1 19980424 AU 1997-48929 19970930  
 EP 961777 A1 19991208 EP 1997-911604 19970930  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, FI  
 US 6184449 B1 20010206 US 1998-171482 19981019  
 US 2002083484 A1 20020627 US 2001-776529 20010202  
 PRAI US 1996-724194 A2 19961001  
 WO 1997-US17644 W 19970930  
 US 1998-171482 A1 19981019  
  
 L2 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS  
 AN 1997:397395 CAPLUS  
 DN 127:14127  
 TI Antisense gene and tissue culture methods for the commercial production of  
 transgenic plants  
 IN Oglevee-O'Donovan, Wendy; Arteca, Richard N.; Arteca, Jeannette; Stoots,  
 Eleanor  
 PA Oglevee, Ltd., USA; Penn State Research Foundation  
 SO PCT Int. Appl., 33 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1  

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9717429	A1	19970515	WO 1996-US17954	19961108
	W: AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,				
	CZ, DE, DE, DK, DK, EE, EE, ES, FI, FI, GB, GE, HU, IL, IS, JP,				
	KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,				
	MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, TJ, TM,				
	TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,				
	IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,				
	MR, NE, SN, TD, TG				
	AU 9676744	A1	19970529	AU 1996-76744	19961108
	EP 865482	A1	19980923	EP 1996-939611	19961108
	R: DE, ES, FR, GB, IT, NL				
PRAI	US 1995-555755		19951109		
	WO 1996-US17954		19961108		

  
 L2 ANSWER 7 OF 13 AGRICOLA DUPLICATE 2  
 AN 1998:51390 AGRICOLA  
 DN IND20628914  
 TI Effect of pollination on accumulation of \*\*\*ACC\*\*\* \*\*\*synthase\*\*\*  
 and ACC oxidase transcripts, ethylene production and flower petal  
 abscission in geranium ( \*\*\*Pelargonium\*\*\* X hortorum L.H. Bailey).  
 AU Clark, D.G.; Richards, C.; Hilioti, Z.; Lind-Iversen, S.; Brown, K.  
 AV DNAL (QK710.P62)

SO Plant molecular biology, Aug 1997. Vol. 34, No. 6. p. 855-865  
 Publisher: Dordrecht : Kluwer Academic Publishers.  
 CODEN: PMBIDB; ISSN: 0167-4412

NTE Includes references  
 CY Netherlands  
 DT Article  
 FS Non-U.S. Imprint other than FAO  
 LA English

L2 ANSWER 8 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AN 1996:309831 BIOSIS  
 DN PREV199699032187  
 TI Cloning and characterization of the cDNA encoding 1-aminocyclopropane-1-carboxylate ( \*\*\*ACC\*\*\* ) \*\*\*synthase\*\*\* from \*\*\*Pelargonium\*\*\* hortorum-sincerity.  
 AU Fan, Jianguo; Wang, Dong; Ranu, Rajinder  
 CS Dep. Plant Pathol. Weed Sci., Colo. State Univ., Fort Collins, CO 80523 USA

SO FASEB Journal, (1996) Vol. 10, No. 6, pp. A1410.  
 Meeting Info.: Joint Meeting of the American Society for Biochemistry and Molecular Biology, the American Society for Investigative Pathology and the American Association of Immunologists New Orleans, Louisiana, USA June 2-6, 1996  
 ISSN: 0892-6638.

DT Conference  
 LA English

L2 ANSWER 9 OF 13 AGRICOLA DUPLICATE 3  
 AN 1998:26177 AGRICOLA  
 DN IND20618456  
 TI Physiological, biochemical, and molecular changes in \*\*\*Pelargonium\*\*\* cuttings subjected to short-term storage conditions.  
 AU Arteca, R.N.; Arteca, J.M.; Wang, T.W.; Schlaghauser, C.D.  
 CS The Pennsylvania State University, University Park, PA.

SO Journal of the American Society for Horticultural Science, Nov 1996. Vol. 121, No. 6. p. 1063-1068  
 Publisher: Alexandria, Va. :  
 ISSN: 0003-1062

NTE Includes references  
 CY United States; Virginia  
 DT Article  
 FS U.S. Imprints not USDA, Experiment or Extension  
 LA English

L2 ANSWER 10 OF 13 AGRICOLA DUPLICATE 4  
 AN 97:33497 AGRICOLA  
 DN IND20564403  
 TI Identification and characterization of cDNAs encoding ethylene biosynthetic enzymes from \*\*\*Pelargonium\*\*\* X hortorum cv snow mass levels.  
 AU Wang, T.W.; Arteca, R.N.  
 CS University of California, Riverside, CA.  
 AV DNAL (450 P692)

SO Plant physiology, Oct 1995. Vol. 109, No. 2. p. 627-636  
 Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-  
 CODEN: PLPHAY; ISSN: 0032-0889

NTE Includes references



CY Maryland; United States  
DT Article; Conference  
FS U.S. Imprints not USDA, Experiment or Extension  
LA English

L2 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS

AN 1995:775656 CAPLUS

DN 123:193872

TI Molecular cloning of two 1-aminocyclopropane-1-carboxylate ( \*\*\*acc\*\*\* )  
\*\*\*synthases\*\*\* and an acc oxidase from \*\*\*Pelargonium\*\*\* x  
hortorum

cv. snow mass leaves (aminocyclopropanecarboxylate)

AU Wang, Tzann-Wei

CS Pennsylvania State Univ., University Park, PA, USA

SO (1994) 112 pp. Avail.: Univ. Microfilms Int., Order No. DA9518892  
From: Diss. Abstr. Int., B 1995, 56(2), 595

DT Dissertation

LA English

L2 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS

AN 1996:61658 CAPLUS

DN 124:141086

TI Ethylene-regulated gene expression in geranium flowers

AU Clark, David; Lind-Iversen, Solveig; Richards, Christina; Evensen,  
Kathleen

CS Department of Horticulture, Pennsylvania State University, University  
Park, PA, 16802, USA

SO Current Topics in Plant Physiology (1994), 12, 291-5  
CODEN: CTPSEI; ISSN: 1057-6576

DT Journal

LA English

L2 ANSWER 13 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 1994:340261 BIOSIS

DN PREV199497353261

TI Cloning and characterization of \*\*\*ACC\*\*\* \*\*\*synthase\*\*\* cDNAs in  
\*\*\*Pelargonium\*\*\* .

AU Wang, Tzann-Wei; Arteca, Richard N.

CS Pennsylvania State Univ., University Park, PA 16802 USA

SO Plant Physiology (Rockville), (1994) Vol. 105, No. 1 SUPPL., pp. 69.  
Meeting Info.: Annual Meeting of the American Society of Plant  
Physiologists Portland, Oregon, USA July 30-August 3, 1994  
ISSN: 0032-0889.

DT Conference

LA English

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